

AUG 0 2 2005

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
(703) 746-4000

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590

05/12/2005

Michael S. Gzybowski  
Butzel Long  
350 South Main Street  
Suite 300  
Ann Arbor, MI 48104

08/03/2005 TBESHAH2 00000014 122136 09905566

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## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

|                             |                    |
|-----------------------------|--------------------|
| Marilynn M. Peterson        | (Depositor's name) |
| <i>Marilynn M. Peterson</i> | (Signature)        |
| August 2, 2005              | (Date)             |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/905,566      | 07/13/2001  | Timothy J. Johnson   | NST0005             | 2906             |

TITLE OF INVENTION: SURFACE CHARGE MODIFICATION WITHIN PREFORMED POLYMER MICROCHANNELS WITH MULTIPLE APPLICATIONS INCLUDING MODULATING ELECTROSMOTIC FLOW AND CREATING MICROARRAYS

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1400    | \$0             | \$1400           | 08/12/2005 |

| EXAMINER       | ART UNIT | CLASS-SUBCLASS |
|----------------|----------|----------------|
| CHOI, LING SIU | 1713     | 204-454000     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. BUTZEL LONG

2. \_\_\_\_\_

3. \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Government of the United States of America, as represented by the Secretary of Commerce Washington, D.C.

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☒ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 12-2136 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signatory

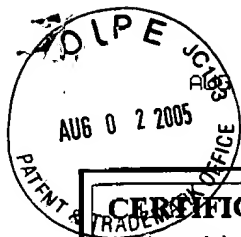
Date August 2, 2005

Typed or printed name Michael S. Gzybowski

Registration No. 32,816

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

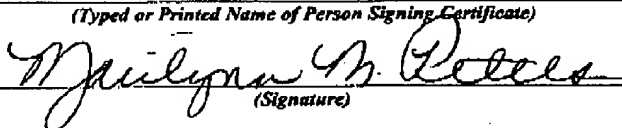
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|  |                           |                           |                           |
|--|---------------------------|---------------------------|---------------------------|
| <b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>   |                           |                           | Docket No.<br>121051-0004 |
| Applicant(s): Timothy J. JOHNSON, et al  |                           |                           |                           |
| Application No.<br>09/905,566  | Filing Date<br>07/13/2001 | Examiner<br>Ling Siu Choi | Group Art Unit<br>1713    |
| Invention: SURFACE CHARGE MODIFICATION WITHIN PERFORMED POLYMER MICROCHANNELS WITH MULTIPLE APPLICATIONS INCLUDING MODULATING ELECTROOSMOTIC FLOW AND CREATING MICROARRAYS   |                           |                           |                           |
| <p>I hereby certify that this <u>Transmittal of Payment of Issue Fee, Part B-Fee Transmittal &amp; Fee Transmittal</u><br/>(Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703.746.4000</u>)</p> <p>on <u>August 2, 2005</u><br/>(Date)</p> <p style="text-align: right;"><u>Marilynn M. Peterson</u><br/>(Typed or Printed Name of Person Signing Certificate)<br/><br/>(Signature)</p> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p> |                           |                           |                           |

P18/REV02

|   |                           |                                   |                       |                                  |                          |
|---|---------------------------|-----------------------------------|-----------------------|----------------------------------|--------------------------|
| <b>TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)</b><br>(37 C.F.R. 1.011)  |                           |                                   |                       | <b>Docket No.</b><br>121051-0004 |                          |
| Applicant(s): Timothy J. JOHNSON, et al   |                           |                                   |                       |                                  |                          |
| Application No.<br>09/905,566   | Filing Date<br>07/13/2001 | Examining Officer<br>Cing-Su Choi | Customer No.<br>35684 | Group Art Unit<br>1713           | Confirmation No.<br>2906 |
| Invention: <b>SURFACE CHARGE MODIFICATION WITHIN PERFORMED POLYMER MICROCHANNELS WITH MULTIPLE APPLICATIONS INCLUDING MODULATING ELECTROOSMOTIC FLOW AND CREATING MICROARRAYS</b> |                           |                                   |                       |                                  |                          |

Mail Stop Issue Fee  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith are the following for the above-identified application.

- ☒ Issue Fee Transmittal Form PTOL-85
- ☒ Utility Fee: \$ 1400.00      ☐ Design Fee: \_\_\_\_\_      ☐ Plant Fee: \_\_\_\_\_
- ☐ Publication Fee: \_\_\_\_\_
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 12-2136 as described below.
- ☒ Charge the amount of \$1,400.00
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

*Michael S. Gzybowski*  
Signature  
Michael S. Gzybowski

Dated: August 2, 2005

cc:

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| August 2, 2005<br>(Date)  |  |
| <i>Marilynn M. Peterson</i><br>Signature  |  |
| Marilynn M. Peterson  |  |
| Typed or Printed Name of Person Signing Certificate   |  |

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| _____<br>(Date)  |  |
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Doc Code:

AUG 02 2005

PTO/SB/17 (12-04v2)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Effective 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL  
for FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** \$1,000.00**Complete if Known**

|                      |                           |
|----------------------|---------------------------|
| Application Number   | 09/905,566                |
| Filing Date          | 07/13/2001                |
| First Named Inventor | Timothy J. JOHNSON, et al |
| Examiner Name        | Ling Shu Choi             |
| Art Unit             | 1713                      |
| Attorney Docket No.  | 121051-0004               |

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Deposit Account Number: 12-2136 Deposit Account Name: BUTZEL LONG

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| Fee (\$) | Small Entity Fee (\$) |
|----------|-----------------------|
| 50       | 25                    |
| 200      | 100                   |
| 360      | 180                   |

**Multiple Dependent Claims**

|                     |                     |                 |                      |
|---------------------|---------------------|-----------------|----------------------|
| <b>Total Claims</b> | <b>Extra Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |
| - 20 or HP =        | x                   | \$50.00         | = \$0.00             |

HP = highest number of total claims paid for, if greater than 20.

|                      |                     |                 |                      |
|----------------------|---------------------|-----------------|----------------------|
| <b>Indep. Claims</b> | <b>Extra Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |
| - 3 or HP =          | x                   | \$200.00        | = \$0.00             |

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

|                     |                     |   |                 |                      |
|---------------------|---------------------|---|-----------------|----------------------|
| <b>Total Sheets</b> | <b>Extra Sheets</b> | <b>Number of each additional 50 or fraction thereof</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |
| - 100 =             | 0                   | 0   | x \$250.00      | = \$0.00             |

**4. OTHER FEE(S)**

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): **ISSUE FEE****\$1,000.00****SUBMITTED BY**

Signature

*Michael S. Gzybowski*Registration No.  
(Attorney/Agent)

32,816

Telephone

734.995.3110

Name (Print/Type)

Michael S. Gzybowski

Date

August 2, 2005

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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